Name: _____   Date: _____

Bouncing Balls Experiment 1

Purpose (What do you want to find out?):

To compare how high the three different balls will bounce.

_____

_____

Hypothesis (What do you think will happen?):

I think that _____ will bounce the highest and

_____ will bounce the lowest.

_____

Equipment (What do you need to do the experiment?):

– tape   – golf ball

– meter stick   – sponge ball

– tennis ball

Procedure (What did you do?):

1) Tape the meter stick to the wall.

2) Drop a ball from 100 cm.

3) Measure the bounce height.

4) Repeat with the other balls.

_____

Name: _____   Date: _____

Observations (What happened?):

Ball	Height of Drop (cm)	Height of Bounce (cm)	
		Prediction	Result
Tennis Ball	100 cm		
Golf Ball	100 cm		
Sponge Ball	100 cm		

Example: _____

_____

If the ball hit something it bounced funny.

If I dropped the balls differently the bounce height changed.

...etc

Discussion (What did you learn?):

Example: _____

_____

I thought the tennis ball would bounce the highest, but the golf ball did.

I learned that golf balls are really bouncy. I also learned that sponge

balls do not bounce well.

_____

...etc